COMPLETE LISTING OF THE CLAIMS

The following lists all of the claims that are or were in the above-identified patent application. The status identifiers respectively provided in parentheses following the claim numbers indicate the current statuses of the claims.

1. (Canceled)

2. (Canceled)

3. (Currently Amended) The process of ~~claim 1~~ claim 7, wherein providing the audio data and parameters comprises recording the audio data and the parameters on a storage media that the device can read, and the device accessing the storage media to read the audio data and the parameters.

4. (Original) The process of claim 3, wherein the storage media is a disk.

5. (Currently Amended) The process of ~~claim 1~~ claim 7, wherein providing the audio data and the parameters comprises transmitting the audio data and the parameters via a network to the device.

6. (Canceled)

7. (Currently Amended) ~~The~~ A process ~~of claim 6~~ comprising:
preprocessing audio data that includes a sequence of input frames to determine parameters indicating intermediate results in a process for time scaling of respective frames of the audio data, wherein the preprocessing is performed before commencement of a real-time time scaling of the audio data, and the parameters comprise a plurality of offsets for each input frame, the plurality of offsets for each input frame corresponding to different time scales and each offset identifying for an associated input frame a block of samples for use in generating time-scaled data from the associated input frame;
providing the audio data and the parameters to a device; and
having the device use the parameters in the real-time time scaling of the audio data to generate time-scaled audio, wherein using the parameters in the real-time time scaling

Serial No. 10/010,514

8. (Currently Amended) The process of ~~claim 1~~ claim 7, wherein the device performs the preprocessing of the audio data to determine the parameters and stores the audio data and the parameters for later use during the real-time time scaling of the audio data.

9. (Currently Amended) The process of ~~claim 1~~ claim 7, wherein one or more of the parameters classify respective audio contents of the input frames.

10. (Original) The process of claim 9, wherein the parameters identify which of the input frames represent silence.

11. (Original) The process of claim 9, wherein having the device use the parameters comprises processing the input frames that the parameters indicate represent silence differently from processing of the input frames that the parameters indicate are not silence.

12. (Currently Amended) The process of ~~claim 1~~ claim 7, wherein a voice mail system performs the preprocessing of the audio data to determine the parameters associated with time scaling of the audio data.

13. (Original) The process of claim 12, wherein the device comprises a telephone that receives audio data and the parameters from the voice mail system.

14. (Currently Amended) The process of ~~claim 1~~ claim 7, wherein a server performs the preprocessing of the audio data to determine the parameters associated with time scaling of the audio data.

15. (Original) The process of claim 14, wherein the device comprises a telephone that receives audio data and the parameters from the server.

16. (Currently Amended) The process of ~~claim 1~~ claim 7, wherein the device comprises a server that performs the preprocessing of the audio data to determine the

-3-   Serial No. 10/010,514

parameters associated with time scaling of the audio data, stores the audio data and the parameters for later use, and performs real-time time scaling to provide the time-scaled audio data to a player.

17. (Previously Presented) A process for time scaling of audio, comprising:

preprocessing audio data to determine one or more parameters indicating a relation between time scales and offsets of a frame of the audio data relative to preceding audio data during a time scaling process;

receiving the frame of the audio data with the parameters;

using the parameters to determine an offset that corresponds to a selected time scale; and

generating a time-scaled frame using the audio data and the offset.

18. (Original) The process of claim 17, wherein the parameters comprise a plurality of preprocessed offsets that respectively correspond to a plurality of time scales.

19. (Original) The process of claim 18, wherein using the parameters comprises interpolating between the preprocessed offsets to determine the offset corresponding to the selected time scale.

20. (Original) The process of claim 17, further comprising a listener selecting the selected time scale for presentation of the audio.

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Currently Amended) ~~The media of claim 21~~ A computer readable medium containing an audio data structure, wherein the audio data structure comprises:

a plurality of frames respectively corresponding to sequential sections of audio, each frame comprising a plurality of samples of the corresponding section of audio; and

one or more parameters for each frame, the parameters providing information that is derived from the samples and indicates an intermediate result of a time scaling process,

THE PATENT LAW OFFICES
OF DAVID MILLERS
6560 ASHFIELD COURT
SAN JOSE, CA 95120
PH: (408) 927-6700
FX: (408) 927-6701

wherein the one or more parameters for a frame comprises a plurality of offsets that respectively correspond to a plurality of time scales, each offset identifying a block of the samples that are used to generate time-scaled data that corresponds to the time scale corresponding to the offset, and determination of the intermediate result from the parameters reduces an amount of processing power needed for time scaling the audio data.

25. (Currently Amended) The ~~media~~ medium of ~~claim 21~~ claim 24, wherein one or more parameters indicate which of the frames correspond to silent sections of the audio.

26. (Currently Amended) The ~~media~~ medium of ~~claim 21~~ claim 24, wherein the media comprises a disk on which the frames and the parameters are recorded.

Serial No. 10/010,514